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(54) Title: SPIRO-SUBSTITUTED AZACYCLES AS MODULATORS OF CHEMOKINE RECEPTOR ACTIVITY

(57) Abstract

The present invention is directed spiro-substituted azacycles of formula (I) (wherein R₁, R₂, R₃, R₄, R₅, k, l and m are defined herein) which are useful as modulators of chemokine receptor activity. In particular, these compounds are useful as modulators of the chemokine receptors CCR-1, CCR-2, CCR-2A, CCR-2B, CCR-3, CCR-4, CCR-5, CXCR-3, and/or CXCR-4.

$$R_3$$
 R_2
 R_4
 $(CH_2)_k$
 $(CH_2)_m$
 R_1
 R_1